

# INTERNATIONAL SEARCH REPORT

PCT/IB2004/002321

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G11B7/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 701 880 A (ICHIHARA ET AL) 20 October 1987 (1987-10-20) the whole document	1-12
A	----- PATENT ABSTRACTS OF JAPAN vol. 012, no. 136 (P-694), 26 April 1988 (1988-04-26) -& JP 62 256244 A (HITACHI LTD), 7 November 1987 (1987-11-07) the whole document	1-12
A	----- PATENT ABSTRACTS OF JAPAN vol. 1998, no. 12, 31 October 1998 (1998-10-31) -& JP 10 188325 A (NEC CORP), 21 July 1998 (1998-07-21) abstract	1, 9, 10, 12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

15 March 2005

Date of mailing of the international search report

24/03/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	US 2003/218941 A1 (TERAO MOTOYASU ET AL) 27 November 2003 (2003-11-27) the whole document -----	1-12

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			JP	60236119 A	22-11-1985
			EP	0164577 A1	18-12-1985
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JP 62256244	A	07-11-1987	NONE		
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JP 10188325	A	21-07-1998	NONE		
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US 2003218941	A1	27-11-2003	JP	2003346378 A	05-12-2003
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